

REGISTER

OF THE

Officers and Cadets

OF THE

VIRGINIA MILITARY INSTITUTE,

LEXINGTON, VA.

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JULY, 1856.

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RICHMOND:

MACFARLANE & FERGUSON, PRINTERS

1856.

VIRGINIA MILITARY INSTITUTE.  
MATHEMATICAL SERIES,  
By Col. FRANCIS H. SMITH.

SUPERINTENDENT OF THE VIRGINIA MILITARY INSTITUTE.

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By FRANCIS H. SMITH, A. M.

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AMERICAN STATISTICAL ARITHMETIC.

DESIGNED FOR ACADEMIES AND SCHOOLS,

By FRANCIS H. SMITH, A. M.

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## REMARKS.

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THE VIRGINIA MILITARY INSTITUTE was established, and is supported by the State of Virginia. An arsenal, containing 30,000 stand of arms, is located here, which was formerly guarded by a company of enlisted soldiers, at an annual expense of about \$6,000. In 1839, this appropriation was transferred to the support of a company of cadets, who, in addition to their duties as a guard, should also be placed under a course of instruction, upon the basis of the United States Military Academy, at West Point. Upon this new system the Institute has been in successful operation for seventeen years. The cadets admitted consist of two classes, *State* and *Pay* cadets. The Institute supplies to the State cadet his board and tuition; and in consideration thereof, he is required to teach two years after graduation. The Pay cadet is at his own expense, which averages \$350 per year, for every charge, *including clothing*. The State cadets are selected from those who are unable to bear their own expenses. The Institution has always had as many pupils as its buildings would accommodate, and numbers *thirty-two* State and *one hundred and thirty* Pay cadets. Applications are made, by letter, to the Superintendent prior to the first of July, each year, and appointments are made for both classes of cadets, by the Board of Visitors, respect being had to their due apportionment among the several districts of the State.

The Literary Fund of the State contributes \$1,500 per year to the Institute for the education of teachers, and the State has received tuition fees from the pay cadets to the amount of \$50,000 since its organization, which sum is applied to the increase of the number of State cadets, and to the enlargement of the accommodations of the Institute, and to the support of a part of the corps of Professors.



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His Excellency HENRY A. WISE, Governor of Virginia.

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R. E. COLSTON,	.	.	Treasurer.
LIEUT. S. CRUTCHFIELD,	.	.	Adjutant.
R. H. CATLETT,	.	.	Quarter Master.
J. T. GIBBS,	.	.	Commissary and Steward.

## FIRST CLASS, (GRADUATES)—1856.

GENERAL MERIT.	NAMES.	COUNTIES.	Composition.	Mathematics.	French.	Latin.	Drawing.	Chemistry.	Nat'l Philosophy.	Engineering.	Geology.	Moral Philosophy.	Rhetoric.	Artillery.	Infantry.	See Notes.
*1	F. W. Smith,	Norfolk City,	8	1	2	1	10	1	1	1	1	1	1	1	1	( <sup>1</sup> )
*2	E. L. Smith,	Norfolk,	9	6	28	26	3	9	3	2	12	3	6	2	3	( <sup>2</sup> )
3	F. M. Suddoth,	Fauquier,	18	5	32	28	16	7	2	3	6	13	5	3	4	
4	P. B. Stanard,	Richm'd City,	1	4	23	2	13	5	6	5	4	18	4	10	13	
5	G. P. C. Rumbough	Campbell,	6	12	8	12	2	2	8	15	2	25	10	20	2	( <sup>3</sup> )
6	G. M. Edgar,	Monroe,	2	7	26	25	26	3	5	8	3	8	2	7	17	
7	J. H. Carpenter,	Alleghany,	22	3	20	24	14	4	7	14	5	12	11	14	9	
8	W. B. Selden,	Norfolk City,	21	2	1	3	4	10	4	12	13	2	24	15	14	( <sup>4</sup> )
9	J. L. Cross,	Warren,	12	9	10	10	8	14	11	4	8	4	17	17	12	
10	T. B. Robinson,	King William	14	10	22	4	12	12	9	18	9	19	8	9	10	
11	E. Fowlkes,	Montgomery,	16	19	15	9	29	6	10	16	7	6	3	13	21	
12	R. M. McKinney,	Campbell,	15	25	11	22	25	11	18	11	10	17	9	6	5	( <sup>5</sup> )
13	W. Y. C. White,	Washington,	7	15	18	16	7	20	15	24	20	10	18	11	19	( <sup>6</sup> )
14	W. S. Guy,	Nottoway,	33	8	37	21	22	22	12	13	11	21	12	8	11	
15	M. N. Moorman,	Campbell,	24	27	38	30	23	21	14	10	22	9	19	18	15	( <sup>7</sup> )
16	J. L. Meem,	Campbell,	19	26	6	15	1	25	17	20	17	23	27	5	23	
17	C. M. Barton,	Frederick,	24	20	5	8	11	8	24	28	14	11	15	29	18	
18	F. M. Boykin,	Isle of Wight,	32	33	31	18	18	27	16	17	15	7	23	4	6	
19	J. McAllister,	Isle of Wight,	20	13	24	19	33	23	13	22	18	31	13	16	16	( <sup>8</sup> )
20	D. B. Penn,	Richm'd City,	5	11	4	13	5	13	27	25	21	22	22	28	26	
21	W. J. Sergeant,	Louisa,	10	18	13	7	27	22	25	21	24	15	16	19	25	
22	W. B. Clagett,	London,	26	21	12	20	19	15	22	29	16	24	25	26	7	( <sup>9</sup> )
23	C. S. Hurt,	Petersburg,	4	23	19	6	32	26	26	27	31	16	7	25	8	
24	R. H. Hooe,	Fauquier,	28	24	40	33	29	16	16	7	19	29	14	12	24	
25	J. F. Alexander,	Spotsylvania.	13	22	27	31	9	19	20	23	23	26	20	30	29	( <sup>10</sup> )
26	J. A. Galt,	Fluvanna,	34	17	9	5	34	24	28	6	28	5	28	22	20	
27	J. B. Cocke,	Powhatan,	23	14	7	11	17	32	29	32	26	14	29	27	31	
28	J. G. Gittings,	Harrison,	27	28	21	33	30	28	32	31	27	27	21	23	28	
29	T. H. Owen,	Halifax,	17	32	33	29	20	30	23	30	29	32	30	21	22	( <sup>11</sup> )
30	F. H. Hannum,	Washington,	29	34	34	32	15	25	21	9	32	20	33	24	33	
31	W. H. Hood,	Southampton,	31	29	35	27	21	31	30	19	25	28	26	33	29	
32	W. H. Easley,	Halifax,	11	31	30	17	31	29	33	33	30	30	32	32	30	
33	T. H. Halcomb,	Mecklenburg,	25	35	29	23	28	34	31	26	33	33	31	31	22	

REMARKS.—<sup>1</sup>Acting As. Prof. Mat. <sup>2</sup>Lieut. <sup>3</sup>2d. Capt. <sup>4</sup>Act. As. Prof. of Lan. <sup>5</sup>Lieut. <sup>6</sup>Lieut. <sup>7</sup>1st Capt. <sup>8</sup>Lieut. <sup>9</sup>Adjutant. <sup>10</sup>Quartermaster. <sup>11</sup>Lieutenant.

NOTE.—Names marked \* are officially reported to the Executive conformably to a regulation which requires the names of the most distinguished Cadets, not exceeding two in each class, to be reported for this purpose at each annual examination.

## SECOND CLASS—1866.

GENERAL MERIT.	NAMES.	COUNTIES.									REMARKS.
			Mathematics.	Nat. Philosophy.	Chemistry.	Latin.	Drawing.	Comp. and Decla.	Demerit for the year.		
*1	J. McCausland,	Mason,	1	1	4	8	4	13	0	Sergeant.	
*2	C. W. Hardy,	Norfolk City,	2	5	3	3	1	8	118	Quar. Mas. Serg't.	
3	A. M. Fauntleroy,	Frederick,	3	3	6	16	8	4	149	Sergeant.	
4	Alex. Rives,	Albemarle,	14	2	5	1	6	1	150		
5	R. M. Mayo,	Westmorel'd,	4	4	2	9	22	5	182		
6	J. J. Smith,	Alexandria,	11	12	1	7	14	9	0	Serg't Major.	
7	B. F. Stewart,	Westmorel'd,	6	13	7	6	16	7	46		
8	R.K. McCausland	Mason,	5	8	12	18	7	19	56	Sergeant.	
9	J. Ker,	Northampton	9	11	9	11	10	10	90	Sergeant.	
10	A. Fulkerson,	Washington,	8	7	8	20	13	17	140	Sergeant Color.	
11	J. M. Steptoe,	Bedford,	13	6	17	12	17	3	112		
12	R. B. Taylor,	Norfolk City,	7	22	13	4	20	12	17	2d Orderly Serg't.	
13	P. P. Slaughter,	Madison,	15	9	18	2	15	23	102	1st Orderly Serg't.	
14	E. McConnell,	Richmond,	12	16	11	21	2	22	193		
15	J. W. Bosworth,	Randolph,	18	17	14	15	5	14	62		
16	J. A. Hambrick,	Franklin,	23	10	10	13	18	15	69		
17	J. Read,	Roanoke,	10	23	23	5	9	2	180	Sergeant.	
18	S. G. White,	Dinwiddie,	20	15	15	17	12	20	125	Sergeant.	
19	H. Ker,	Northampton	17	19	21	14	11	11	174	Sergeant.	
20	J. H. Cameron,	Rockbridge,	19	14	16	23	23	21	181		
21	J. Q. Richardson,	Norfolk,	21	18	22	22	3	16	177	Sergeant.	
22	J. W. Keeble,	Mathews,	16	20	20	19	21	18	190		
23	J. C. Hiden,	Orange,	22	21	19	10	19	6	172		

## THIRD CLASS—1856.

GENERAL MERIT.	NAMES.	COUNTIES.	Mathematics.	Latin.	French.	Drawing.	Composition.	Declamation.	Demerit for the year.	REMARKS.
*1	M. B. Hardin,✓	Alexandria,	1	1	1	1	2	6	91	Corporal.
*2	L. W. Reid,	Alexan. City,	3	5	5	2	6	1	0	Corporal.
3	J. L. Marks,✓	Petersburg,	4	6	3	8	3	2	75	Colo. Corporal.
4	M. McDonald,✓	Hampshire,	2	2	2	15	7	10	171	
5	J. M. Kinchloe,✓	Fauquier,	8	7	9	6	5	4	91	Colo. Corporal.
6	N. C. Wilson,✓	Rockbridge,	5	9	11	17	13	14	200	
7	J. F. Neff,✓	Shenandoah,	13	19	16	3	1	9	57	Corporal.
8	E. C. Edwards,✓	Alexandria,	7	10	20	14	9	5	177	Corporal.
9	J. T. W. Hairston,	Henry,	9	4	13	20	4	13	194	
10	H. B. Meade,✓	Amelia,	10	16	14	9	20	20	30	
11	J. Breckenridge,✓	Botetourt,	11	11	3	19	11	17	194	Corporal.
12	F. L. Pitts,✓	Richmond,	18	3	10	10	8	12	120	
13	J. Armistead,✓	Elizabeth City	6	12	19	21	14	19	176	
14	W. E. Cutshaw,✓	Jefferson,	15	17	6	7	17	15	112	
15	G. E. Tayloe,✓	Roanoke,	14	15	18	5	16	18	122	Corporal.
16	J. B. Terrill,✓	Bath,	17	18	8	18	10	3	190	
17	D. W. Flowerree,	Fauquier,	21	14	12	13	12	7	109	
18	T. S. Taylor,✓	Franklin,	12	21	21	16	15	11	198	Corporal.
19	H. L. Norfleet,✓	Nansemond,	19	20	25	11	18	8	114	
20	S. Wilson,✓	Surry,	20	13	23	12	19	16	199	
	J. C. Pegram,✓	Norfolk City,	16	8	7	4	21	21	219	Def't in conduct.

## FOURTH CLASS—1856.

GENERAL MERIT.	NAMES.	COUNTIES.	Mathematics.	French.	Geography.	Composition.	Declamation.	Demerit for the year.	REMARKS.
*1	J. W. Lyell, ✓	Richmond,	1	5	11	7	3	38	
*2	W. H. Otey, ✓	Campbell,	2	1	3	9	15	69	
3	E. S. Hutter, ✓	Campbell,	5	17	2	6	11	50	
4	J. H. Ham, ✓	Eliz. City,	6	7	6	8	7	79	
5	W. Keiter, ✓	Hampshire,	4	11	9	3	5	131	
6	J. H. Chenoworth	Randolph,	3	13	5	13	12	158	
7	J. F. Tyler, ✓	Lee,	9	12	4	10	2	141	
8	J. W. Lewis, ✓	Bath,	7	14	10	2	30	96	
9	N. H. Haden,	Botetourt,	8	6	7	16	18	181	
10	J. P. Minetree, ✓	Petersburg,	12	15	19	4	6	91	
11	C. W. McDonald,	Hampshire,	14	3	30	1	1	200	
12	G. B. Cooke, ✓	Norfolk,	15	8	22	12	10	130	
13	M. C. Selden,	Powhatan,	16	9	23	18	20	126	
14	O. C. Henderson,	Alexan. City,	19	4	1	28	33	193	
15	J. W. Kerr, ✓	Petersburg,	18	19	18	23	8	104	
16	W. L. Wingfield,	Bedford,	17	16	13	5	27	170	
17	J. D. Coles, ✓	Pittsylvania,	20	22	25	11	9	57	
18	M. Gouldin,	Richmond,	22	18	14	24	21	38	
19	D. H. Hardaway,	Nottoway,	23	33	20	26	24	60	
20	Geo. Bean,	Hardy,	25	28	8	21	29	167	
21	J. R. Hall,	Mason,	28	27	15	27	13	98	
22	W. Cunningham,	Hardy,	27	26	21	19	19	150	
23	T. V. Williams, ✓	Tazewell,	21	31	33	33	25	153	
24	W. Carter,	Fauquier,	24	29	29	30	4	200	
25	C. Crutchfield,	Spotsylvania,	26	24	24	32	23	167	
	C. T. Steptoe, ✓	Bedford,	10	2				14	
	W. M. Palmer, ✓	Halifax,	11	10				0	
	H. C. Cox,	Petersburg,	25	16	14	32		195	
	W. F. Sydnor,	Petersburg,	38	27	22	28		94	
30	J. R. Kent,	Montgomery,	def	34				0	
	W. W. Bentley,	Montgomery,	def	30				52	
	W. C. Kevan,	Petersburg,	def	20	32	31	22	293	Def. in conduct.
	W. J. Rives,	Prince George,	def	36				85	
	W. F. Wiley,	Amelia,	def	21	17	25	31	216	Def. in conduct.
35	T. B. Booth,	Petersburg,	def	39	28	29	26	280	Def. in conduct.
	Geo. D. Parker,	Norfolk,	def	37				0	
	R. S. Blair,	Ritchie,	def	32	31	20	14	182	
	C. C. Burks,	Rockbridge,	def	35	26	15	16	172	
39	T. Pollard,	Petersburg,	13	23	12	17	17	223	Def. in conduct.

# ROLL OF CADETS

## ARRANGED ACCORDING TO MERIT IN CONDUCT,

### FOR THE YEAR ENDING JULY 1st, 1856.

No.	NAMES.	Class.	Demerit.	No.	NAMES.	Class.	Demerit.
1	J. H. Carpenter,	1	0	41	J. P. Minetree,	4	91
2	J. McCausland,	2	0	42	W. F. Sydnor,	4	94
3	W. M. Palmer,	4	0	43	J. W. Lewis,	4	96
4	L. W. Reid,	3	0	44	P. B. Stanard,	1	96
5	J. J. Smith,	2	0	45	J. R. Hall,	4	98
6	W. Y. C. White,	1	0	46	P. P. Slaughter,	2	102
7	J. R. Kent,	4	0	47	F. M. Boykin,	1	102
8	G. D. Parker,	4	0	48	W. H. Hood,	1	103
9	C. T. Steptoe,	4	14	49	J. W. Kerr,	4	104
10	R. B. Taylor,	2	17	50	D. W. Flowerree,	3	109
11	R. McKinney,	1	27	51	W. J. Sergeant,	1	111
12	H. B. Meade,	3	30	52	W. E. Outshaw,	3	112
13	J. W. Lyell,	4	38	53	J. M. Steptoe,	2	112
14	M. Gouldin,	4	38	54	H. L. Norfleet,	3	114
15	F. W. Smith,	1	42	55	G. P. C. Rumbough,	1	117
16	M. N. Moorman,	1	46	56	C. W. Hardy,	2	118
17	D. B. Penn,	1	46	57	T. L. Pitts,	3	120
18	B. F. Stewart,	2	46	58	G. E. Tayloe,	3	122
19	E. S. Hutter,	4	50	59	W. B. Selden,	1	124
20	W. W. Bentley,	4	52	60	S. G. White,	2	125
21	R. K. McCausland,	2	56	61	M. C. Selden,	4	126
22	J. F. Neff,	3	57	62	G. B. Cooke,	4	130
23	J. D. Coles,	4	57	63	W. Keiter,	4	131
24	D. H. Hardaway,	4	60	64	J. B. Cocke,	1	136
25	E. Fowlkes,	1	60	65	T. H. Owen,	1	138
26	G. M. Edgar,	1	61	66	E. L. Smith,	1	138
27	J. W. Bosworth,	2	62	67	A. Fulkerson,	2	140
28	C. Barton,	1	64	68	J. F. Tyler,	4	141
29	J. L. Meem,	1	64	69	W. S. Guy,	1	144
30	J. G. Gittings,	1	66	70	J. J. McAllister,	1	147
31	W. H. Otey,	4	69	71	A. M. Fauntleroy,	2	149
32	J. A. Hambrick,	2	69	72	A. Rives,	2	150
33	F. M. Suddoth,	1	70	73	W. J. Cunningham,	4	150
34	L. L. Marks,	3	75	74	T. V. Williams,	4	153
35	J. H. Ham,	4	79	75	J. H. Chenowith,	4	158
36	W. J. Rives,	4	85	76	T. H. Halcomb,	1	166
37	W. B. Clagett,	1	87	77	Geo. Bean,	4	167
38	J. Ker,	2	90	78	C. Crutchfield,	4	167
39	J. M. Kincheloe,	3	91	79	W. L. Wingfield,	4	170
40	M. B. Hardin,	3	91	80	M. McDonald,	3	171

## ROLL OF CADETS—(CONTINUED.)

No.	NAMES.	Class.	Demerit.	No.	NAMES.	Class.	Demerit.
81	C. C. Burks,	4	172	98	J. <sup>a</sup> L. Cross,	1	193
82	J. C. Hiden,	2	172	99	E. McConnell,	2	193
83	H. Ker,	2	174	100	O. C. Henderson,	4	193
84	J. Armistead,	3	176	101	J. Breckenridge,	3	194
85	E. C. Edwards,	3	177	102	J. T. W. Hairston,	3	194
86	J. Q. Richardson,	2	177	103	H. C. Cox,	4	195
87	J. Read,	2	180	104	J. A. Galt,	1	198
88	A. H. Haden,	4	181	105	S. Wilson,	4	199
89	J. H. Cameron,	2	181	106	C. W. McDonald,	4	200
90	W. H. Easley,	1	181	107	W. Carter,	4	200
91	R. M. Mayo,	2	182	108	W. Wilson,	3	200
92	R. S. Blair,	4	182	109	T. S. Taylor,	3	200
93	R. H. Hooe,	1	189	110	J. C. Pegram,	3	†219
94	F. H. Hannum,	1	190	111	T. B. Booth,	4	†280
95	J. B. Terrill,	3	190	112	W. C. Kevan,	4	†293
96	C. S. Hurt,	1	190	113	T. Pollard,	4	†223
97	J. W. Keeble,	2	190	114	W. F. Wiley,	4	†219

† Deficient in Conduct.

## NEW APPOINTMENTS—1856.

No.	NAMES.	COUNTIES.	No.	NAMES.	COUNTIES.
1	B. C. Wherry,	Richm'd City.	44	C. L. Lumsden,	Petersburg.
2	J. H. Trent,	Cumberland,	45	F. W. Mahood,	Mercer.
3	Jos. H. Hebard,	Fluvanna.	46	J. K. Marshall,	Fauquier.
4	Sam'l Austin,	Harrison.	47	A. G. Hill,	King William
5	T. M. Boyd,	Nelson.	48	N. McGehee,	Louisa.
6	Jas. R. Tyler,	Southampton	49	David Marable,	Greenville.
7	R. Chambers,	Kanawha.	50	J. W. McBrown,	Prince George
8	Chas. L. Mosby,	Campbell.	51	Jno. B. Mosely,	Appomattox.
9	Sam'l Robinson,	Fauquier.	52	L. W. Mears,	Eliz. City.
10	Jas. Baltzell,	Washington.	53	Thos. Massenburg,	Eliz. City.
11	Thom. B. Amiss,	Madison.	54	Wm. M. Mitchell,	Washington.
12	Robert C. Taylor,	Montgomery.	55	B. H. May,	Petersburg.
13	Watkins Shelton,	Henry.	56	— Morgan,	Richm'd City.
14	Diggs Poynor,	Brunswick.	57	Thos. W. Nelson,	Bedford.
15	Wm. M. Govan,	Hanover.	58	J. M. W. Otey,	Campbell.
16	Wm. Overton,	Louisa.	59	Wm. N. Otey,	Campbell.
17	Wm. H. Holman,	Fluvanna.	60	Russell Pancake,	Hampshire.
18	M. P. Deyerle,	Roanoke.	61	S. J. Taylor,	Hampshire.
19	A. M. Buster,	Greenbrier.	62	Wm. B. Pendleton,	Louisa.
20	C. B. Buster,	Greenbrier.	63	Joseph Perkins,	Suffolk,
21	D. M. C. Browne,	Tazewell.	64	J. Ryland,	King & Queen
22	Sam'l H. Brown,	Lynchburg.	65	Jas. H. Brooks,	Petersburg.
23	Solomon Cherry,	Norfolk.	66	George Ross,	Culpeper.
24	J. W. McCarty,	Alexandria.	67	John Ross,	Culpeper.
25	Chas. J. Green,	Stafford.	68	S. W. Anderson,	Nelson;
26	— Cooke,	Hanover.	69	Abel S. Scott,	Hardy.
27	Wm. H. Clarke,	Richmond.	70	W. B. Tabb,	Amelia.
28	G. C. Coleman,	Louisa.	71	A. T. Walden,	Rappanano'k
29	M. G. Ellzey,	Loudon.	72	Jas. Wilcox,	Charles City.
30	E. C. Hill,	King William	73	W. H. Houston,	Wheeling.
31	L. Hardeman,	Henrico.	74	Stockton Heth,	Culpeper.
32	W. B. Gallaher,	Augusta.	75	A. B. Paris,	Charlotte.
33	F. T. Hill,	Culpeper.	76	J. R. Hammet,	Montgomery.
34	L. S. Pendleton,	Louisa.	77	G. W. Spotts,	Tazewell.
35	T. H. Hardy,	Norfolk City.	78	W. A. Brockenb'gh	Richmond.
36	Edward Hardy,	Norfolk City.	79	J. H. Morrison,	Brunswick.
37	N. C. Harris,	Bedford.	80	George Ashton,	Culpeper.
38	N. M. Johnson,	Louisa.	81	John C. Floyd,	Campbell.
39	V. M. Johnson,	Spotsylvania,	82	Scott Ship,	Fauquier.
40	G. M. Kent,	Wytheville.	83	R. S. Majett,	Southampton,
41	B. M. Karnes,	Alleghany.	84	James T. Toole,	Roanoke.
42	J. P. Lynch,	Richm'd City.	85	J. B. Whitehead,	Nansemond.
43	J. H. Lawrence,	Nansemond.			

## SYNOPSIS

OF THE

## COURSE OF STUDIES AT THE VIRGINIA MILITARY INSTITUTE.

		STUDIES.	TEXT BOOKS.
First Year.	FIFTH CLASS.	Arithmetic. Algebra to Equations, 2d Degree. Geometry to 5th Book. English Grammar. Geography. Declamation and Composition.	Smith and Duke's Arithmetic. Smith's Algebra. Davies' Legendre, Geometry. Bullion's Grammar. Mitchell's Geography.
Second Year.	FOURTH CLASS.	Algebra Completed. Geometry Completed. Plane and Spherical Trigonometry. Geography. French. English Studies with Composition and Declamation.	Smith's Algebra. Davies' Legendre's Geometry. Do. Do. Mitchell's Geography. Bolmar's Levizac's Grammar. Picot, Nos. 5 and 6.
Third Year.	THIRD CLASS.	Analytical Geometry. Descriptive Geometry. Shades, Shadows and Perspective. Surveying. Differential and Integral Calculus. French. Latin. Drawing. Declamation and Composition.	Smith's Biot Analytical Geometry. Davies' Descriptive Geometry. Lectures. Davies' Surveying. Courtenay's Calculus. Gil-Blas. Picot No. 7, &c., &c. Bullion's Grammar, Cæsar, Sallust, Virgil, Cicero and Livy.
Fourth Year.	SECOND CLASS.	Natural Philosophy. Chemistry. Latin. Drawing.	Bartlett's Optics, Mechanics and Astronomy Roger's Turner. Tacitus, Horace, Terence.
Fifth Year.	FIRST CLASS.	Geology and Mineralogy. Agricultural Chemistry. Military Engineering. Civil Engineering. Rhetoric. Logic. Mental Philosophy. Moral Philosophy. History. Constitution of U. S. Infantry Tactics. Artillery.	Hitchcock and Dana. Norton's Elements. Mahan. Lectures by Professor. Wheateley and Blair. Wheateley. Wayland. Paley and Butler. Dew's Lectures. Upshur's Notes and Bayard. Scott, 3 volumes. Same as at U. S. Mil. Academy.

NOTE.—Cadets on admission may enter the *fifth, fourth, third* or *second* class, according to qualification upon examination—but no cadet can enter a higher class than the second—and each cadet is required to remain two years, unless sooner discharged.

## EXPLANATION OF CONDUCT ROLL.

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All offences against Orders or Regulations are recorded.

These offences are divided into seven grades ; each of which comprises offences of nearly the same degree of criminality. The degree of criminality of offences of each grade is expressed by a number, as follows:

### Offences of the 1st grade by 10

Do	"	2d	"	8
Do	"	3d	"	5
Do	"	4th	"	4
Do	"	5th	"	3
Do	"	6th	"	2
Do	"	7th	"	1

For each year (after the first year) that a Cadet has been a member of the Institute, his offences are made to count more, by adding to the number expressing the degree of criminality, of each offence, one-sixth for the second class—and one-third for the third class—and one-half for the first class.

At the end of the Academic year, these numbers are added up, and the sum thus obtained is that found in the column of "*demerit*."

When a Cadet has more than 100 demerit by the 1st of January, or 200 in one year, he is dismissed *ipso facto*.

# GRADUATES

OF THE

## VIRGINIA MILITARY INSTITUTE,

SINCE ITS ORGANIZATION.

NO.	NAMES.	COUNTIES.	Date of Graduation.	REMARKS.
*1	W. D. Fair,	Amherst,	July 4, 1842,	Lawyer—Teacher.
*2	W. H. Henderson,	Loudoun,	ditto	Lawyer. [Mil. Ac.
3	J. B. Strange,	Fluvanna,	ditto	Princ'pal Albemarle
4	T. J. B. Cramer,	Frederick,	ditto	Teacher.
5	E. Pendleton,	Botetourt,	ditto	Lawyer.
6	J. H. Lawrence,	Caroline,	ditto	Dentist.
7	W. M. Elliott,	Buckingham,	ditto	Ed'r Rich'd Whig.
8	J. H. Jameson,	Culpeper,	ditto	Lawyer.
†9	C. P. Dyerle,	Montgomery,	ditto	Ass't Surg. U. S. A.
10	J. T. Smith,	Norfolk,	ditto	[sity Tennesse.
11	W. Forbes,	Richmond,	ditto	Prof. Math. Univer-
12	V. C. Saunders,	Loudoun,	ditto	Teacher.
13	J. W. Bell.	Augusta,	ditto	Farmer.
14	O. M. Knight,	Nottoway,	ditto	Physician.
15	James Marshall,	Warren,	ditto	Farmer.
16	L. A. Garnett,	Essex,	ditto	Lawyer.
*17	N. H. Campbell,	Bedford,	July 4, 1843,	Lawyer.
*18	J. B. Dorman,	Rockbridge,	ditto	Lawyer.
*19	J. W. Wildman,	Loudoun,	ditto	Merchant.
20	H. T. Barton,	Spotsylvania,	ditto	Physician.
21	W. J. Warden,	Augusta,	ditto	Clergyman.
22	W. C. Jeffress,	Nottoway,	ditto	Lawy'r. [Ma'n Col.
23	J. C. Wills,	Isle of Wight,	ditto	Pro. Mat. Randolph
24	V. H. Rodas,	Campbell,	ditto	Merchant.
25	J. L. Bryan,	Petersburg,	ditto	Physician.
26	E. Winston,	Amherst,	ditto	Civil Engineer.
†27	W. S. Beale,	Shenandoah,	ditto	Merchant.
28	J. T. Washington,	Westmoreland,	ditto	Deputy Sheriff.
29	G. W. Williams,	Roanoke,	ditto	Teacher. [Acad.
*30	J. H. Pitts,	Essex,	July 4, 1844,	Principal Rumford
*31	M. McKennie,	Albemarle,	ditto	Physician.
32	A. C. Cummings,	Washington,	ditto	Lawyer.
33	J. A. Campbell,	Washington,	ditto	Lawyer.
34	G. A. Porterfield,	Berkely,	ditto	Editor.
35	J. S. Burks,	Bedford,	ditto	Farmer and mem'r
36	E. Taylor,	Caroline,	ditto	Farmer. [Va. Leg.
37	W. H. Richardson,	Henrico,	ditto	Adj't Genl's Office.
38	J. B. Clemens,	Ohio,	ditto	Physician.
*39	H. T. Lee	Frederick,	July 4, 1845,	Clerg'n—Teacher.

NO	NAMES.	COUNTIES.	Date of Graduation.	REMARKS.
*40	R. T. W. Duke,	Albemarle,	July 4, 1845,	Lawyer—Teacher.
41	J. B. Sherrard,	Hampshire,	ditto	Merchant.
42	R. H. Simpson,	Warren,	ditto	Teacher.
43	W. H. R. Wheelwright,	Westmoreland,	ditto	Clergy'n—Teacher.
†44	H. B. Hill,	Buckingham,	ditto	Teacher.
45	D. A. Langhorne,	Campbell,	ditto	Physician—Prof. in
46	C. Boggess,	Harrison,	ditto	Lawyer. [Ly'g Col.
†47	W. H. Baker,	Frederick,	ditto	Lawyer.
48	R. M. Wiley,	Botetourt,	ditto	Farmer & mem. Va.
49	V. T. Churchman,	Augusta,	ditto	Physician. [Leg.
50	J. R. Cabell,	Pittsylvania,	ditto	Physician.
51	A. H. Powell,	Brunswick,	ditto	Clergyman.
52	H. W. Williamson,	Norfolk,	ditto	Civil Engineer.
53	J. B. Moorman,	Pendleton,	ditto	Teacher.
†54	J. P. Mason,	Rappahannock,	ditto	Teacher.
55	W. H. Stith,	Richmond,	ditto	Civ. Eng.—Teachr.
56	E. M. Anthony,	Botetourt,	ditto	Lawyer.
57	R. L. Walker,	Albemarle,	ditto	Civ. Eng.—Farmer.
†58	T. B. Robertson,	Richmond,	July 4, 1846,	Lawyer and Prof'r
*59	J. Q. Marr,	Faquier,	ditto	Sheriff. [Math.
60	W. M. Nelson,	Clarke,	ditto	Clergy'n—Teacher.
61	R. E. Colston,	Berkeley,	ditto	Professor of French
62	R. H. Keeling,	Richmond,	ditto	[V. M. I.
63	G. W. Bruce,	Frederick,	ditto	Physician.
64	J. C. Porter,	Orange,	ditto	Teacher.
65	J. M. Patton, Jr.,	Richm'd City,	ditto	Lawyer.
66	Edmund Goode,	Bedford,	ditto	Teacher.
67	Wm. C. Leyburn,	Rockbridge,	ditto	Farmer & manuf'r.
68	P. A. Fithugh,	Middlesex,	ditto	Physician—Teachr.
69	R. Tyler,	Pr'ce William,	ditto	Physician.
70	R. Mills,	Richmond,	ditto	Farmer.
71	W. J. Green,	Stafford,	ditto	Merchant.
*72	R. H. Sinton,	Henrico,	July 4, 1847,	Merchant.
*73	G. C. Wharton,	Culpeper,	ditto	Civil Engineer.
74	J. Y. Page,	Clarke,	ditto	Lawyer.
75	D. L. Powell,	Loudoun,	ditto	Prof. So. Fem. Inst.
76	J. C. Moncure,	Stafford,	ditto	Lawyer.
77	J. P. Welsh,	Madison,	ditto	Teacher—Lawyer.
78	H. B. Smyth,	Wythe,	ditto	Teacher.
79	Wm. Mahone,	Southampton,	ditto	Chf. Eng. Norf. and
80	Samuel McGrew,	Preston,	ditto	Teacher. [Pet. RR.
81	B. L. Chrisman,	Rockingham,	ditto	Physician.
†82	J. M. Claytor,	Campbell,	ditto	Civil Engineer.
83	W. Downs,	Rockbridge,	ditto	Clergy'n—Teacher.
*84	S. T. Pendleton,	Campbell,	July 4, 1848,	Civ. Eng.—Teachr.
*85	J. C. Council,	Norfolk,	ditto	Teacher.
86	J. M. Cary,	Greenbrier,	ditto	Teacher.
87	C. V. Winfree,	Campbell,	ditto	Civil Engineer.
88	C. A. Derby,	Dinwiddie,	ditto	Pro. Mat. Geo. Mil.
89	A. L. Rives,	Albemarle,	ditto	Civil Eng. [Acad.
90	J. R. Jones,	Rockingham,	ditto	Teacher.
91	J. T. Ellis,	Amherst,	ditto	Merchant.
92	J. P. Beale,	Westmoreland,	ditto	Clergyman.
93	R. E. Rodas,	Campbell,	ditto	Civil Engineer.

NO.	NAMES.	COUNTIES.	Date of Graduation.	REMARKS.
94	J. S. Gamble,	Hardy,	July 4, 1848,	Prin. Norfolk Acad.
95	C. Carter,	Charles City,	ditto	Manufacturer.
†96	C. W. Cary,	Greenbrier,	ditto	Physician.
97	W. H. Pryor,	Dinwiddie,	ditto	Civ. Eng.—Merc't.
98	E. G. Wall,	Frederick,	ditto	Civil Engineer.
99	N. Berkeley,	Loudoun,	ditto	Civ. Eng.—Farmer.
100	G. W. Robertson,	Warwick,	ditto	Civil Engineer.
101	J. Jones,	Jefferson,	ditto	Teacher—Clerg'n.
102	N. Tyler,	Pr'ce William,	ditto	Lawyer.
103	J. G. Brodnax,	Dinwiddie,	ditto	Physician.
104	F. B. Jones,	Frederick,	ditto	Farmer.
105	B. G. Baldwin,	Augusta,	ditto	U. S. Mil. Storek'r.
106	W. W. Finney,	Powhatan,	ditto	
107	R. C. Trigg,	Montgomery,	ditto	
*108	John Lawson,	Richm'd City,	July 4, 1849,	Civil Engineer.
*109	J. W. Massie,	Augusta,	ditto	Lawyer. [College.
110	S. Garland, Jr.,	Campbell,	ditto	Lawyer—Pro. Ly'g
111	E. T. Fristoe,	Rappahannock	ditto	Pro. Math. Col. Col.
112	J. W. Allen,	Bedford,	ditto	Teacher—Farmer.
113	Robert Gatewood,	Norfolk City,	ditto	Clerg'n—Teacher.
114	W. J. Morrissett,	Chesterfield,	ditto	Teacher.
115	T. H. Carter,	Clarke,	ditto	Physician.
116	Richard Pollard, Jr.,	Albemarle,	ditto	Merchant.
117	Richard Logan, Jr.,	Halifax,	ditto	Civil Engineer.
118	F. Lackland,	Jefferson,	ditto	Civil Engineer.
119	K. Otey,	Campbell,	ditto	Merchant.
120	J. H. Estes,	Nelson,	ditto	Physician.
121	W. Steenberg,	Mason,	ditto	Farmer.
122	P. B. Adams,	Harrison,	ditto	Teacher.
123	E. T. Bridges,	Richm'd City,	ditto	
124	F. W. Cox,	Essex,	ditto	Teacher—Lawyer.
125	W. Byrd,	Frederick,	ditto	Lawyer.
126	J. F. Jordon,	Alleghany,	ditto	Teacher—Civ. Eng.
127	B. Ficklin,	Albemarle,	ditto	T'chr—Stage pro'r.
128	G. P. Terrill,	Bath,	ditto	Teacher—Physic'n.
129	Amb. Ranson,	Jefferson,	ditto	Farmer.
130	J. B. Norville,	Pr'ce William,	ditto	Teacher—Civ. Eng.
†131	L. P. Thompson,	Augusta,	ditto	Lawyer.
*132	W. W. Gordon,	Essex,	July 4, 1850,	U. S. Coast Survey.
*133	P. B. Smith,	Northampton,	ditto	Lawyer.
134	W. D. Stuart,	Augusta,	ditto	Prin. Rich'd Acad.
135	Charles Denby,	Richm'd City,	ditto	Teacher—Editor.
136	C. D. Rice,	Jefferson,	ditto	Teacher.
137	T. O. Benton,	Nansemond,	ditto	Teacher.
138	J. Gallatin Paxton,	Rockbridge,	ditto	Civ. Eng.—Ed. L'g
139	C. H. Harrison,	Cumberland,	ditto	Merchant. [Rep.
140	D. Truehart,	Richm'd City,	ditto	U. S. Coast Surv.—
141	W. B. Littlepage,	King William,	ditto	Teacher. [Lawyer.
142	J. M. Brockenbrough,	Richmond,	ditto	Teacher.
†143	W. H. Urquhart,	Southampton,	ditto	Farmer.
144	G. Jordon,	Page,	ditto	Civil Engineer.
145	Charles Smith,	Northampton,	ditto	Physician.
146	W. R. Terry,	Bedford,	ditto	Merchant.
147	A. C. Jones,	Marshall,	ditto	Lawyer—Judge.

NO.	NAMES.	COUNTIES.	Date of Graduation.	REMARKS.
148	William Booton,	Madison,	July 4, 1850,	Civil Engineer.
*149	J. A. Marshall,	Fauquier,	July 4, 1851,	Teacher—Lawyer.
*150	W. Y. C. Humes,	Washington,	ditto	Teacher—Lawyer.
151	F. S. Bass,	Brunswick,	ditto	Teacher.
152	P. C. Gibbs,	Morgan,	ditto	Teacher—Merch't.
153	W. H. Burroughs,	Princess Ann,	ditto	Teacher.
154	J. T. B. Winfree,	Campbell,	ditto	Merchant.
155	J. C. Page,	Cumberland,	ditto	Farmer.
156	E. P. Taylor,	King George,	ditto	Farmer.
157	R. S. Burks,	Botetourt,	ditto	Teacher.
158	T. A. Harris,	Bedford,	ditto	Teacher—Phys'n.
159	C. Cook,	Hanover,	ditto	Farmer.
160	R. O. Whitehead,	Nansemond,	ditto	Teacher.
161	H. Carrington,	Charlotte,	ditto	Farmer.
162	G. G. Garrisson,	Princess Ann,	ditto	Civil Engineer.
163	A. J. Vaughan,	Dinwiddie,	ditto	Civil Engineer.
164	B. F. Elliott,	Madison,	ditto	
165	W. A. Harris,	Rockbridge,	ditto	Teacher.
166	H. T. Parrish,	Cumberland,	ditto	Lawyer.
167	J. H. Johnston,	Norfolk City,	ditto	Farmer.
168	H. Caperton,	Monroe,	ditto	Physician.
169	Thomas Upshaw,	King and Qu'n,	ditto	Teacher—Civ. Eng.
170	R. F. W. Morriss,	Amherst,	ditto	Merchant.
171	H. Gantt,	Albemarle,	ditto	Farmer.
172	A. B. Jordan,	Isle of Wight,	ditto	Teacher—Civ. Eng.
173	W. A. Eliason,	Alexandria,	ditto	Civil Engineer.
174	W. Whitehead,	Nansemond,	ditto	Physician—Surg'n
175	A. F. Gooch,	Richm'd City,	ditto	Farmer. [Rus. Ar.
176	A. D. Callcote,	Isle of Wight,	ditto	Teacher. [at Seb'l.
177	James Giles,	Pittsylvania,	ditto	Teacher. [Survey.
*178	J. E. Blankenship,	Amelia,	July 4, 1852,	T'cher—U. S. Coast
*179	G. S. Patton,	Richm'd City,	ditto	Teacher—Lawyer.
180	Joseph Mayo,	Westmoreland,	ditto	Lawyer.
181	W. M. Gordon,	Fauquier,	ditto	Teacher—Civ. Eng.
182	W. O. Yager,	Page,	ditto	Civil Engineer.
183	H. A. Whiting,	Hanover,	ditto	Teacher—Civ. Eng.
184	S. B. Gibbons,	Page,	ditto	Teacher.
185	C. T. Mason,	King George,	ditto	Civil Engineer.
186	J. C. Mayo,	Westmoreland,	ditto	Teacher—Phys'n.
187	T. R. Thornton,	Caroline,	ditto	Prin. Rap. Acad'y.
188	B. F. Hudgins,	Elizabeth City,	ditto	Farmer.
189	John C. Grayson,	Alexandria,	ditto	Physician.
190	M. P. Christian,	Campbell,	ditto	Teacher.
191	Thos. T. Munford,	Richm'd City,	ditto	Farmer.
192	N. H. Harrison,	Spotsylvania,	ditto	
193	John G. Meem,	Campbell,	ditto	Merchant.
†194	C. B. Williams, Jr.,	Culpeper,	ditto	Teacher.
195	M. B. Manser,	Fayette,	ditto	
196	G. A. Goodman,	Albemarle,	ditto	Teacher.
197	Jas. V. Hall,	Princess Ann,	ditto	Teacher.
198	Wm. M. Waller,	Amherst,	ditto	Farmer.
199	W. J. Preston,	Richm'd City,	ditto	Civil Engineer.
200	J. L. Ashby,	Clarke,	ditto	Farmer.
201	M. F. Tutwiler,	Fluvanna,	ditto	Civil Engineer.

NO.	NAMES.	COUNTIES.	Date of Graduation,	REMARKS.
*202	J. T. Murfee,	Southampton,	July 4, 1853.	Teacher—Pro. Mat.
*203	W. Silvester,	Norfolk City,	ditto	Teacher. [L'g Col.
204	P. S. Lewis,	Mason,	ditto	Farmer.
205	W. W. Williams,	Norfolk City,	ditto	Clergyman.
206	J. J. Phillips,	Nansemond,	ditto	Princ'l Chuckatuck
207	Geo. H. Smith,	Fairfax,	ditto	Teacher. [Acad.
208	T. G. Smith,	Norfolk City,	ditto	Lawyer.
209	J. L. White,	Washington,	ditto	Physician.
210	J. P. Hammet,	Montgomery,	ditto	Physician.
211	J. D. Bruce,	Frederick,	ditto	
212	J. C. Ward,	Campbell,	ditto	Farmer.
213	Geo. Chamberlayne,	Norfolk City,	ditto	Broker.
214	Gab. Gray,	Culpeper,	ditto	Teacher.
215	Wm. Kemble,	Monongalia,	ditto	Teacher.
216	J. R. Waddy,	Northampton,	ditto	Teacher.
217	J. W. Cringan,	Richm'd City,	ditto	Civil Engineer.
218	Wm. F. Lee,	Alexandria,	ditto	Teacher—U. S. A'y
219	J. A. Turner,	King George,	ditto	Civil Engineer.
220	Francis Mallory,	Elizabeth City,	ditto	Civil Engineer.
221	Alex. Morson,	Stafford,	ditto	Civil Engineer.
222	H. B. Armistead,	Fauquier,	ditto	Teacher.
223	N. Hammond,	Berkeley,	ditto	
224	J. M. Lightner,	Pocahontas,	ditto	Farmer.
225	W. E. Arnold,	Franklin,	ditto	Teacher.
226	T. J. Moncure,	Caroline,	ditto	Teacher.
*227	Richard Taylor,	Norfolk City,	July 4, 1854,	Teacher—Pro. N'lk
*228	J. H. Lane,	Matthews,	ditto	Teacher. [Acad.
229	R. P. Carson,	Washington,	ditto	Teacher.
230	C. E. Lauck,	Frederick,	ditto	Teacher.
231	James W. Humes,	Washington,	ditto	Teacher.
232	Wm. Browne Botts,	Spotsylvania,	ditto	Teacher.
233	Wm. E. Harrison,	Loudoun,	ditto	Civil Engineer.
234	J. L. Stephenson,	Fauquier,	ditto	
235	C. E. Lightfoot,	Culpeper,	ditto	Teacher.
236	Geo. B. Horner,	Fauquier,	ditto	Civil Engineer.
237	C. H. Riddick,	Nansemond,	ditto	
238	John A. Marks,	Pr. George,	ditto	
239	Alex. Bruce,	Halifax,	ditto	Farmer.
†	Thomas Blackburn,	Jefferson,	Jan. 15, 1854,	
*240	S. Crutchfield,	Spotsylvania,	July 4, 1855,	Ass't Prof. V. M. I.
*241	W. T. Patton,	Richm'd City,	ditto	Ass't Prof. V. M. I.
242	E. V. Bargamin,	Richm'd City,	ditto	
243	L. B. Williams,	Orange,	ditto	Ass't Prof. V. M. I.
244	G. Buck,	Morgan,	ditto	Teacher.
245	J. P. Wilson,	Cumberland,	ditto	Farmer.
246	W. T. Hardy,	Norfolk City,	ditto	Civil Engineer.
247	E. C. Shepherd,	Jefferson,	ditto	Teacher.
248	R. C. Allen,	Bedford,	ditto	Lawyer.
249	E. J. Magruder,	Orange,	ditto	Farmer.
250	B. H. Todd,	Nottoway,	ditto	Teacher.
251	W. Dupuy,	Dinwiddie,	ditto	
252	J. H. Waddell,	Augusta,	ditto	Teacher.
253	W. E. Fife,	Kanawha,	ditto	
254	H. W. Cox,	Chesterfield,	ditto	Teacher.

NO.	NAMES.	COUNTIES.	Date of Graduation.	REMARKS.
§	E. J. Harvie,	Amelia,	July 4, 1855,	Lieut. U. S. Army.
*256	F. W. Smith,	Norfolk City,	July 4, 1856,	[College.]
*257	Ed. L. Smith,	Norfolk Co.,	ditto	Ass't. Prof. Lync'g
258	F. M. Suddoth,	Fauquier,	ditto	Teacher.
259	P. B. Stanard,	Richmond,	ditto	Ass't Prof. V. M. I.
260	G. P. C. Rumbough,	Campbell,	ditto	
261	Geo. M. Edgar,	Monroe,	ditto	Teacher.
262	J. H. Carpenter,	Alleghany,	ditto	Teacher.
263	Wm. B. Selden,	Norfolk City,	ditto	[College.]
264	J. L. Cross,	Warren,	ditto	Prof. Mat. Winch'r
265	T. B. Robinson,	King William,	ditto	Teacher.
266	E. Fowlkes,	Montgomery,	ditto	
267	R. M. McKinney,	Campbell,	ditto	Teacher.
268	W. Y. C. White,	Washington,	ditto	
269	W. S. Guy,	Nottoway,	ditto	
270	M. N. Moorman,	Campbell,	ditto	
271	J. L. Meem,	Campbell,	ditto	
272	F. M. Barton,	Frederick,	ditto	
273	F. M. Boykin,	Isle of Wight,	ditto	
274	J. J. McAllister,	Isle of Wight,	ditto	
275	D. B. Penn,	Richm'd City,	ditto	
276	W. J. Seargeant,	Louisa,	ditto	Teacher.
277	Wm. B. Clagett,	Loudoun,	ditto	
278	C. S. Hurt,	Petersburg,	ditto	Teacher.
279	R. H. Hooe,	Fauquier,	ditto	
280	J. F. Alexander,	Spotsylvania,	ditto	
281	J. A. Galt,	Fluvanna,	ditto	
282	John B. Cocke,	Powhatan,	ditto	
283	J. G. Gittings,	Harrison,	ditto	
284	T. H. Owen,	Halifax,	ditto	
285	F. H. Hannum,	Washington,	ditto	
286	W. H. Hood,	Southampton,	ditto	
287	W. H. Easley,	Halifax,	ditto	
288	T. H. Halcomb,	Mecklenburg,	ditto	

Names marked thus [\*] most distinguished of their class—those with [†] signify death.

NOTE.—Graduates are requested to notify the Superintendent of any errors in the above Catalogue.

§ Cadet E. J. Harvie having been appointed a Lieutenant in the U. S. Army, a short time before his class graduated, but having completed the studies of his class, he was graduated without class standing.



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**VIRGINIA MILITARY INSTITUTE,**

**Lexington, Virginia, July 4th, 1856.**

**By order of Col. F. H. SMITH,**

**S. CRUTCHFIELD,**

**Adj. V. M. I.**

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## NOTICES OF SMITH'S STATISTICAL ARITHMETIC.

*From the Board of Directors of the Literary Fund, Virginia.*

The Board of Directors of the Literary Fund having examined Smith and Duke's American Statistical Arithmetic, composed by Francis H. Smith, Esq., Superintendent and Professor of Mathematics in the Virginia Military Institute, take pleasure in recommending the work, especially for the purpose for which it is designed, "to prepare beginners for the study of the more advanced parts of the science." The plan of inculcating valuable statistical information in the illustration of arithmetical rules is not only novel and attractive, but useful, and is doubtless calculated to make a strong impression on the minds of youth.

A true extract from the minutes.

(Signed,)

J. BROWN, Jr., *Second Auditor.*

*Office of the Literary Fund Board, Va.*

*From J. H. Brown, A. M., Principal of Zane St. School, Philad.*

It was with much pleasure that I examined the American Statistical Arithmetic by Smith and Duke, and an introduction to the same, by Francis H. Smith, A. M., both published by you. They are works of more than ordinary merit. With clear and definite Rules, they convey a large amount of valuable information not usually within the reach of students of Arithmetic. Their general introduction will aid the cause of sound instruction in the Schools and Academies of our country.

*Extract of a letter of Prof. Powers, of Virginia University.*

I consider it decidedly the best Arithmetic I have seen, not only as regards the valuable statistical information it contains, but also in its arrangement, and the very clear and simple explanation of the rules which it gives.

## Notices of Smith's Algebra.

This work is designed to present as complete an Elementary course of Algebra, as the time devoted to the study of Mathematics in the Colleges of our country will allow; while it will be equally within the comprehension of the pupil of the High School or Academy.

In preparing this work, the author has adopted those explanations and demonstrations which an experience of many years in teaching, and a careful comparison of standard authors have shown to be best. Without following the system of any other writer, he has derived important aid from the works of *Garnier, Bezout, Raymond, Bourdon, Lacroix, Francoeur, Euler, Hutton, Thompson, Goodwyn, Scott*, and the *Encyclopedia Metropolitana*. Many of his examples have been selected from the valuable edition of *Hutton's Mathematics*, by Professor Rutherford of the Royal Military Academy, Woolwich.

This work covers the full course of *Davies' Bourdon*, and contains a new and beautiful demonstration of the Binomial Theorem in the case of an Exponent, by Prof. Pike Powers, late of the University of Virginia.

*From Prof. P. Powers, late Professor of University of Virginia.*

I have been using your Algebra for nearly twelve months, and can truly say it answers my purpose better than any other I am acquainted with. It presents the leading principles of the science in a concise and simple form, and especially those higher principles which give beginners most trouble, so that I have never had my classes master them before with so little difficulty.

*From Prof. W. N. Pendleton.*

The work which you have translated, I have, ever since becoming familiar with it, regarded it as a masterpiece in that department of mathematical science—indeed my feelings respecting it have always partaken much of the enthusiastic. It bears the evident stamp of genius, and embodies more of the beauties of ingenuity, simplicity, and generalization, than any other work of that class of subjects with which my mathematical studies have made me acquainted.

*From the Virginian, Winchester, Va.*

A new Algebra, by Col. Francis H. Smith, the highly efficient and esteemed Superintendent of our Military Institute at Lexington, will require no eulogy of ours, in view of the rapid and entire success of the author's previous work, the Statistical Arithmetic. This work has all the *prestige* a city publisher can give it, and Virginians have thus all they demand before giving their encouragement to home productions. No Virginia school-boy will lose much by being *minus* Bonycastle and *plus* Smith.

### Notices of Smith's Biot's Analytical Geometry.

*From Prof. John B. Strange, Norfolk Academy.*

I have seen your Algebra, and, after a careful examination of it, I do not hesitate to pronounce it an excellent work—the best on the subject that I have seen. I shall, therefore, adopt it immediately in the Academy. I am so much pleased with all your mathematical works which have appeared, that I trust your labors in this department will not cease until you have completed the whole course.

*Foom A. W. Millspaugh, Principal of the Classical School, Farmville.*

It gives the definitions and some of the most abstruse parts of the science with greater clearness and perspicuity than any similar work with which I am acquainted—and I also think the copious examples given a great desideratum.

*From Prof. Saunders, of William and Mary College*

I have long lamented the defect in logical arrangement of most of the principal treatises on the subject of Analytical Geometry, with regard to one of its most important applications—*Conic Sections*. The student is informed that they are Conic Sections, because they result from the intersection of a plane in different positions with the surface of a cone, but he is put in possession of their properties before any proof is given to him that they are what they are called. The very last step usually is, to show that they are Conic Sections. The treatise of *Biot* comes precisely up to my idea of the proper arrangement in this respect.